



ORIGINAL

**LORD Corporation**  
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Mr. David P. Turner, RPM (3HS22)  
Western PA Section  
United States Environmental Protection Agency, Region 3  
1650 Arch Street  
Philadelphia, PA 19103-2029

November 15, 2010

Reference: LORD-Shope RA Monthly Progress Report

Dear Mr. Turner:

LORD is hereby submitting two copies of the monthly progress report for the period of October 1, 2010 through October 31, 2010.

The following work was conducted during this period:

**REMEDIAL ACTION**

NPDES Report:

The October report will be submitted under a separate cover.

Thermal Oxidizer:

The thermal oxidizer is scheduled for shutdown for the year on November 4, 2010. October ISVS influent was 3.8 ppm with 93.6% destruction efficiency.

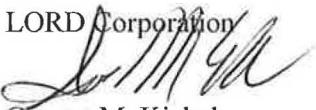
Groundwater Treatment:

The groundwater treatment system was operating normally during this interim.

The groundwater TOC effluent concentration was 0.98 mg/l.

Sincerely,

LORD Corporation



George M. Kickel

Director, Environment, Safety, Health, and Regulatory Compliance

GMK10026/cmf

cc: (b) (4) ARCADIS, Inc.  
John Morettini, PADEP

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**TestAmerica**

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

**ANALYTICAL REPORT**

LORD Shope

Lot #: H0J080547

Jason Manzo

ARCADIS U.S., Inc.  
284 Cramer Creek Court  
Dublin, OH 43017

TESTAMERICA LABORATORIES, INC.

[REDACTED]  
Project Manager

October 19, 2010

**ORIGINAL****ANALYTICAL METHODS SUMMARY**

H0J080547

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
Method for Analysis of Reformed Gas by GC Volatile Organics by TO15	ASTM D 1946/E 260 EPA-2 TO-15

**References:**

- ASTM Annual Book Of ASTM Standards.
- EPA-2 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999.

**SAMPLE SUMMARY****ORIGINAL****HOJ080547**

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L763P	001	TOI/100610	10/06/10	10:50
L763O	002	TOE/100610	10/06/10	10:55

**NOTE (S) :**

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

## **PROJECT NARRATIVE HOJ080547**

The results reported herein are applicable to the samples submitted for analysis only.

This report shall not be reproduced except in full, without the written approval of the laboratory.

**The original chain of custody documentation is included with this report.**

### **Sample Receipt**

There were no problems with the condition of the samples received.

### **Quality Control and Data Interpretation**

Unless otherwise noted, all holding times and QC criteria were met and the test results shown in this report meet all applicable NELAC requirements.

#### Volatiles

EPA methods TO-14A and TO-15 specify the use of humidified "zero air" as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of "zero air" by TestAmerica Knoxville.

The EPA method requires that all target analytes in the continuing calibration verification standard be within 30% difference from the initial calibration. According to the laboratory standard operating procedure, the continuing calibration is acceptable if it meets the laboratory control sample acceptance criteria. Even though the calibration verification analyzed on 10/12/10 exhibited a % difference of > 30% for propene and carbon tetrachloride, the results were within the LCS acceptance limits.

Although carbon tetrachloride is flagged as being outside recovery limits in the laboratory control sample for batch 0286059, the laboratory control sample is in control. The standard operating procedure allows for 3 analytes to be outside the control limits, but within marginal exceedence limit.

TestAmerica Knoxville maintains the following certifications, approvals and accreditations: Arkansas DEQ Lab #88-0688, California DHS ELAP Cert. #2423, Colorado DPHE, Connecticut DPH Lab #PH-0223, Florida DOH Lab #E87177, Georgia DNR Lab #906, Hawaii DOH, Illinois EPA Lab #200012, Indiana DOH Lab #C-TN-02, Iowa DNR Lab #375, Kansas DHE Cert. #E-10349, Kentucky DEP Lab #90101, Louisiana DBQ Cert. #03079, Louisiana DOHH, Maryland DOE Cert. #277, Michigan DEQ Lab #9933, Nevada DEP, New Jersey DEP Lab #TN001, New York DOH Lab #10781, North Carolina DPH Lab #21705, North Carolina DEIINR Cert. #64, Ohio EPA VAP Lab #CL0059, Oklahoma DEQ Lab #9415, Pennsylvania DEP Lab #68-00576, South Carolina DHEC Cert #84001001, Tennessee DOH Lab #02014, Texas CEQ, Utah DOH Lab # QUAN3, Virginia DGS Lab #00165, Washington DOE Lab #C1314, West Virginia DEP Cert. #345, West Virginia DHHR Cert #9955C, Wisconsin DNR Lab #998044300, Naval Facilities Engineering Service Center and USDA Soil Permit #S-46424. This list of approvals is subject to change and does not imply that laboratory certification is available for all parameters reported in this environmental sample data report.

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**PROJECT NARRATIVE  
HOJ080547**

The concentration of cis-1,2-dichloroethene and trichloroethene in sample TOI/100610 exceeded the calibration level of the instrument. The sample was analyzed at a dilution to bring the concentration of the compounds into the instrument calibration range. The results for both analyses are reported in order to provide the lowest possible reporting limits.

# **Sample Data Summary**

## ARCADIS U.S., Inc.

Client Sample ID: TOI/100610

## GC/MS Volatiles

Lot-Sample #	HOJ080547 - 001	Work Order #	L763P1AA	Matrix.....:	AlR
Date Sampled...:	10/06/2010	Date Received..:	10/08/2010		
Prep Date.....:	10/12/2010	Analysis Date...:	10/12/2010		
Prep Batch #....:	0286059	Method.....:	TO-15		
Dilution Factor.:	10				
PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)	
trans-1,3-Dichloropropene	ND	2.0	ND	9.1	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ND	14	
Acetone	ND	50	ND	120	
1,4-Dioxane	ND	5.0	ND	18	
Ethyl acetate	ND	20	ND	72	
Ethylbenzene	ND	2.0	ND	8.7	
Trichlorofluoromethane	0.31	2.0	1.7 J	11	
n-Heptane	ND	5.0	ND	20	
Hexachlorobutadiene	ND	10	ND	110	
n-Hexane	8.3	5.0	29	18	
2-Hexanone	ND	5.0	ND	20	
2,2,4-Trimethylpentane	25	5.0	120	23	
Cumene	ND	4.0	ND	20	
tert-Butyl alcohol	ND	20	ND	61	
Methylene chloride	2.0	5.0	7.0 JB	17	
Methyl methacrylate	ND	5.0	ND	20	
Benzene	1.1	2.0	3.5 J	6.4	
Acetonitrile	ND	10	ND	17	
n-Octane	ND	4.0	ND	19	
Pentane	2.0	10	5.8 J	30	
Styrene	ND	2.0	ND	8.5	
1,1,2,2-Tetrachloroethane	ND	2.0	ND	14	
Tetrachloroethene	230	2.0	1500	14	
Toluene	1.3	2.0	4.8 J	7.5	
1,2,4-Trichlorobenzene	ND	10	ND	74	
1,1,1-Trichloroethane	0.85	2.0	4.6 J	11	
1,1,2-Trichloroethane	ND	2.0	ND	11	
Trichloroethene	510	2.0	2700 E	11	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ND	15	
1,2,4-Trimethylbenzene	ND	2.0	ND	9.8	
1,3,5-Trimethylbenzene	ND	2.0	ND	9.8	
Vinyl acetate	ND	10	ND	35	
Vinyl chloride	80	2.0	200	5.1	
o-Xylene	1.9	2.0	8.4 J	8.7	
Methyl tert-butyl ether	ND	10	ND	36	
alpha-Methylstyrene	ND	4.0	ND	19	
Chlorodifluoromethane	ND	2.0	ND	7.1	
m-Xylene & p-Xylene	1.3	2.0	5.8 J	8.7	
Bromodichloromethane	ND	2.0	ND	13	

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## ARCADIS U.S., Inc.

Client Sample ID: TOI/100610

## GC/MS Volatiles

Lot-Sample #	HOJ080547 - 001	Work Order #	L763P1AA	Matrix.....:	AIR
PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS ( $\mu\text{g}/\text{m}^3$ )	REPORTING LIMIT ( $\mu\text{g}/\text{m}^3$ )	
1,2-Dibromoethane (EDB)	ND	2.0	ND	15	
2-Butanone (MEK)	ND	10	ND	29	
4-Methyl-2-pentanone (MTBK)	ND	5.0	ND	20	
Bromoform	ND	2.0	ND	21	
Bromomethane	ND	2.0	ND	7.8	
1,3-Butadiene	ND	4.0	ND	8.8	
4-Ethyltoluene	ND	4.0	ND	20	
Acrolein	ND	8.0	ND	18	
Carbon disulfide	<b>0.51</b>	<b>5.0</b>	1.6	J	16
Acrylonitrile	ND	20	ND	43	
Carbon tetrachloride	ND	2.0	ND	13	
Chlorobenzene	ND	2.0	ND	9.2	
Dibromochloromethane	ND	2.0	ND	17	
Chloroethane	ND	2.0	ND	5.3	
Chloroform	<b>2.5</b>	<b>2.0</b>	12		9.8
Chloromethane	ND	5.0	ND	10	
3-Chloropropene	ND	2.0	ND	6.3	
Propene	<b>5.3</b>	<b>5.0</b>	9.1		8.6
Dibromomethane	ND	4.0	ND	28	
1,2-Dichlorobenzene	ND	2.0	ND	12	
1,3-Dichlorobenzene	ND	2.0	ND	12	
1,4-Dichlorobenzene	ND	2.0	ND	12	
Dichlorodifluoromethane	<b>1.4</b>	<b>2.0</b>	6.8	J	9.9
1,1-Dichloroethane	ND	2.0	ND	8.1	
1,2-Dichloroethane	ND	2.0	ND	8.1	
1,1-Dichloroethene	<b>9.4</b>	<b>2.0</b>	37		7.9
cis-1,2-Dichloroethene	<b>800</b>	<b>2.0</b>	3200	E	7.9
trans-1,2-Dichloroethene	<b>9.1</b>	<b>2.0</b>	36		7.9
1,2-Dichloropropane	ND	2.0	ND	9.2	
cis-1,3-Dichloropropene	ND	2.0	ND	9.1	
SURROGATE	PERCENT RECOVERY			LABORATORY CONTROL LIMITS (%)	
4-Bromofluorobenzene	97			60 - 140	

Qualifiers

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.  
 E Estimated result. Result concentration exceeds the calibration range.  
 J Estimated result. Result is less than RL.

**ORIGINAL****ARCADIS U.S., Inc.****Client Sample ID: TOI/100610****GC/MS Volatiles****Lot-Sample #** H0J080547 - 001**Work Order #** L763P1AA**Matrix.....:** AIR

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The 'Result' in ug/m<sup>3</sup> is calculated using the following equation: Amount Found(before rounding)\*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m<sup>3</sup> is calculated using the following equation: (Reporting Limit(before rounding) \* Dilution Factor) \* (Molecular Weight/24.45)

ARCADIS U.S., Inc.

ORIGINAL

Client Sample ID: TOI/100610

## GC/MS Volatiles

Lot-Sample #	H0J080547 - 001	Work Order #	L763P2AA	Matrix.....:	AIR
Date Sampled...:	10/06/2010	Date Received..:	10/08/2010		
Prep Date.....:	10/12/2010	Analysis Date...	10/13/2010		
Prep Batch #....:	0286059				
Dilution Factor.:	37.2	Method.....:	TO-15		

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m <sup>3</sup> )	REPORTING LIMIT (ug/m <sup>3</sup> )
Trichloroethene	750	7.4	4000	40
cis-1,2-Dichloroethene	1200	7.4	4700	29
SURROGATE	PERCENT RECOVERY		LABORATORY CONTROL LIMITS (%)	
4-Bromofluorobenzene	93		60 - 140	

Qualifiers

D Result was obtained from the analysis of a dilution.

The 'Result' in ug/m<sup>3</sup> is calculated using the following equation: Amount Found(before rounding)\*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m<sup>3</sup> is calculated using the following equation: (Reporting Limit(before rounding) \* Dilution Factor) \* (Molecular Weight/24.45)

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ARCADIS U.S., Inc.

Client Sample ID: TOE/100610

## GC/MS Volatiles

Lot-Sample #	H0J080547 - 002	Work Order #	L76301AA	Matrix.....:	AIR
Date Sampled...:	10/06/2010	Date Received..:	10/08/2010		
Prep Date.....:	10/12/2010	Analysis Date...:	10/13/2010		
Prep Batch #....:	0286059				
Dilution Factor.:	10	Method.....:	TO-15		

PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
trans-1,3-Dichloropropene	ND	2.0	ND	9.1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.0	ND	14
Acetone	55	50	130	120
1,4-Dioxane	ND	5.0	ND	18
Ethyl acetate	2.5	20	9.2	J 72
Ethylbenzene	ND	2.0	ND	8.7
Trichlorofluoromethane	ND	2.0	ND	11
n-Heptane	2.5	5.0	10	J 20
Hexachlorobutadiene	ND	10	ND	110
n-Hexane	1.5	5.0	5.3	J 18
2-Hexanone	21	5.0	86	20
2,2,4-Trimethylpentane	ND	5.0	ND	23
Cumene	ND	4.0	ND	20
tert-Butyl alcohol	6.1	20	19	J 61
Methylene chloride	1.2	5.0	4.0	J B 17
Methyl methacrylate	ND	5.0	ND	20
Benzene	ND	2.0	ND	6.4
Acetonitrile	ND	10	ND	17
n-Octane	3.3	4.0	15	J 19
Pentane	ND	10	ND	30
Styrene	ND	2.0	ND	8.5
1,1,2,2-Tetrachloroethane	ND	2.0	ND	14
Tetrachloroethene	ND	2.0	ND	14
Toluene	ND	2.0	ND	7.5
1,2,4-Trichlorobenzene	ND	10	ND	74
1,1,1-Trichloroethane	ND	2.0	ND	11
1,1,2-Trichloroethane	ND	2.0	ND	11
Trichloroethene	ND	2.0	ND	11
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.0	ND	15
1,2,4-Trimethylbenzene	ND	2.0	ND	9.8
1,3,5-Trimethylbenzene	ND	2.0	ND	9.8
Vinyl acetate	ND	10	ND	35
Vinyl chloride	ND	2.0	ND	5.1
o-Xylene	ND	2.0	ND	8.7
Methyl tert-butyl ether	ND	10	ND	36
alpha-Methylstyrene	ND	4.0	ND	19
Chlorodifluoromethane	ND	2.0	ND	7.1
m-Xylene & p-Xylene	ND	2.0	ND	8.7

## ARCADIS U.S., Inc.

Client Sample ID: TOE/100610

## GC/MS Volatiles

Lot-Sample #	HOJ080547 - 002	Work Order #	L76301AA	Matrix.....:	AIR
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PARAMETER	RESULTS (ppb(v/v))	REPORTING LIMIT (ppb(v/v))	RESULTS (ug/m3)	REPORTING LIMIT (ug/m3)
Bromodichloromethane	ND	2.0	ND	13
1,2-Dibromoethane (EDB)	ND	2.0	ND	15
2-Butanone (MEK)	52	10	150	29
4-Methyl-2-pentanone (MIBK)	0.84	5.0	3.4	J 20
Bromoform	ND	2.0	ND	21
Bromomethane	ND	2.0	ND	7.8
1,3-Butadiene	ND	4.0	ND	8.8
4-Ethyltoluene	ND	4.0	ND	20
Acrolein	ND	8.0	ND	18
Carbon disulfide	ND	5.0	ND	16
Acrylonitrile	ND	20	ND	43
Carbon tetrachloride	ND	2.0	ND	13
Chlorobenzene	ND	2.0	ND	9.2
Dibromo-chloromethane	ND	2.0	ND	17
Chloroethane	ND	2.0	ND	5.3
Chloroform	ND	2.0	ND	9.8
Chloromethane	ND	5.0	ND	10
3-Chloropropene	ND	2.0	ND	6.3
Propene	1.2	5.0	2.1	J 8.6
Dibromomethane	ND	4.0	ND	28
1,2-Dichlorobenzene	ND	2.0	ND	12
1,3-Dichlorobenzene	ND	2.0	ND	12
1,4-Dichlorobenzene	ND	2.0	ND	12
Dichlorodifluoromethane	ND	2.0	ND	9.9
1,1-Dichloroethane	ND	2.0	ND	8.1
1,2-Dichloroethane	ND	2.0	ND	8.1
1,1-Dichloroethene	ND	2.0	ND	7.9
cis-1,2-Dichloroethene	ND	2.0	ND	7.9
trans-1,2-Dichloroethene	ND	2.0	ND	7.9
1,2-Dichloropropane	ND	2.0	ND	9.2
cis-1,3-Dichloropropene	ND	2.0	ND	9.1
<hr/>		<hr/>		LABORATORY CONTROL LIMITS (%)
SURROGATE		PERCENT RECOVERY		
4-Bromofluorobenzene		97		60 - 140

Qualifiers

- B Method blank contamination. The associated method blank contains the target analyte at a reportable level.  
 J Estimated result. Result is less than RL.

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ARCADIS U.S., Inc.

Client Sample ID: TOE/100610

GC/MS Volatiles

Lot-Sample # H0J080547 - 002

Work Order # L76301AA

Matrix.....: AIR

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The 'Result' in ug/m3 is calculated using the following equation: Amount Found(before rounding)\*(Molecular Weight/24.45)

The 'Reporting Limit' in ug/m3 is calculated using the following equation: (Reporting Limit(before rounding) \* Dilution Factor) \* (Molecular Weight/24.45)

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TOE/100610	10/6/2010 10:55 TO-15	Ethylbenzene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	Styrene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	cis-1,3-Dichloropropene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	trans-1,3-Dichloropropene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	1,4-Dichlorobenzene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	1,2-Dibromoethane (EDB)	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	1,3-Butadiene	ND	4 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	Acrolein	ND	8 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	3-Chloropropene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	1,2-Dichloroethane	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	Acrylonitrile	ND	20 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	Vinyl acetate	ND	10 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	4-Methyl-2-pentanone (MIBK)	0.84	5 PPB(V/V)	J
TOE/100610	10/6/2010 10:55 TO-15	1,3,5-Trimethylbenzene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	Toluene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	Chlorobenzene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	Pentane	ND	10 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	n-Hexane	1.5	5 PPB(V/V)	J
TOE/100610	10/6/2010 10:55 TO-15	n-Octane	3.3	4 PPB(V/V)	J
TOE/100610	10/6/2010 10:55 TO-15	Propene	1.2	5 PPB(V/V)	J
TOE/100610	10/6/2010 10:55 TO-15	1,2,4-Trichlorobenzene	ND	10 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	1,4-Dioxane	ND	5 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	Dibromochloromethane	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	Tetrachloroethene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	m-Xylene & p-Xylene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	Ethyl acetate	2.5	20 PPB(V/V)	J
TOE/100610	10/6/2010 10:55 TO-15	n-Heptane	2.5	5 PPB(V/V)	J
TOE/100610	10/6/2010 10:55 TO-15	cis-1,2-Dichloroethene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	trans-1,2-Dichloroethene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	Methyl tert-butyl ether	ND	10 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	4-Bromofluorobenzene	97	%	
TOE/100610	10/6/2010 10:55 TO-15	2,2,4-Trimethylpentane	ND	5 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	1,3-Dichlorobenzene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	Carbon tetrachloride	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	2-Hexanone	21	5 PPB(V/V)	
TOE/100610	10/6/2010 10:55 TO-15	4-Ethyltoluene	ND	4 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	Acetone	55	50 PPB(V/V)	
TOE/100610	10/6/2010 10:55 TO-15	Chloroform	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	Benzene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55 TO-15	1,1,1-Trichloroethane	ND	2 PPB(V/V)	U

TOE/100610	10/6/2010 10:55	TO-15	Bromomethane	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	Chloromethane	ND	5 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	Dibromomethane	ND	4 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	Chloroethane	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	Vinyl chloride	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	Acetonitrile	ND	10 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	Methylene chloride	1.2	5 PPB(V/V)	J B
TOE/100610	10/6/2010 10:55	TO-15	Carbon disulfide	ND	5 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	Bromoform	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	Bromodichloromethane	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	1,1-Dichloroethane	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	1,1-Dichloroethene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	Chlorodifluoromethane	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	tert-Butyl alcohol	6.1	20 PPB(V/V)	J
TOE/100610	10/6/2010 10:55	TO-15	Trichlorofluoromethane	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	Dichlorodifluoromethane	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	1,1,2-Trichloro-1,2,2-trifluor	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	1,2-Dichloro-1,1,2,2-tetrafluo	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	1,2-Dichloropropane	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	2-Butanone (MEK)	52	10 PPB(V/V)	
TOE/100610	10/6/2010 10:55	TO-15	1,1,2-Trichloroethane	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	Trichloroethene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	1,1,2,2-Tetrachloroethane	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	Methyl methacrylate	ND	5 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	Hexachlorobutadiene	ND	10 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	o-Xylene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	1,2-Dichlorobenzene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	1,2,4-Trimethylbenzene	ND	2 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	Cumene	ND	4 PPB(V/V)	U
TOE/100610	10/6/2010 10:55	TO-15	alpha-Methylstyrene	ND	4 PPB(V/V)	U
TOI/100610	10/6/2010 10:50	D 1946/E	Methane	ND	0.63 %	U
TOI/100610	10/6/2010 10:50	TO-15	Ethylbenzene	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50	TO-15	Styrene	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50	TO-15	cis-1,3-Dichloropropene	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50	TO-15	trans-1,3-Dichloropropene	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50	TO-15	1,4-Dichlorobenzene	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50	TO-15	1,2-Dibromoethane (EDB)	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50	TO-15	1,3-Butadiene	ND	4 PPB(V/V)	U
TOI/100610	10/6/2010 10:50	TO-15	Acrolein	ND	8 PPB(V/V)	U
TOI/100610	10/6/2010 10:50	TO-15	3-Chloropropene	ND	2 PPB(V/V)	U

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TOI/100610	10/6/2010 10:50 TO-15	1,2-Dichloroethane	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Acrylonitrile	ND	20 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Vinyl acetate	ND	10 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	4-Methyl-2-pentanone (MIBK)	ND	5 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	1,3,5-Trimethylbenzene	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Toluene	1.3	2 PPB(V/V)	J
TOI/100610	10/6/2010 10:50 TO-15	Chlorobenzene	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Pentane	2	10 PPB(V/V)	J
TOI/100610	10/6/2010 10:50 TO-15	n-Hexane	8.3	5 PPB(V/V)	
TOI/100610	10/6/2010 10:50 TO-15	n-Octane	ND	4 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Propene	5.3	5 PPB(V/V)	
TOI/100610	10/6/2010 10:50 TO-15	1,2,4-Trichlorobenzene	ND	10 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	1,4-Dioxane	ND	5 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Dibromochloromethane	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Tetrachloroethene	230	2 PPB(V/V)	
TOI/100610	10/6/2010 10:50 TO-15	m-Xylene & p-Xylene	1.3	2 PPB(V/V)	J
TOI/100610	10/6/2010 10:50 TO-15	Ethyl acetate	ND	20 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	n-Heptane	ND	5 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	cis-1,2-Dichloroethene	800	2 PPB(V/V)	E
TOI/100610	10/6/2010 10:50 TO-15	cis-1,2-Dichloroethene	1200	7.4 PPB(V/V)	D
TOI/100610	10/6/2010 10:50 TO-15	trans-1,2-Dichloroethene	9.1	2 PPB(V/V)	
TOI/100610	10/6/2010 10:50 TO-15	Methyl tert-butyl ether	ND	10 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	4-Bromofluorobenzene	97	%	
TOI/100610	10/6/2010 10:50 TO-15	4-Bromofluorobenzene	93	%	
TOI/100610	10/6/2010 10:50 TO-15	2,2,4-Trimethylpentane	25	5 PPB(V/V)	
TOI/100610	10/6/2010 10:50 TO-15	1,3-Dichlorobenzene	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Carbon tetrachloride	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	2-Hexanone	ND	5 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	4-Ethyltoluene	ND	4 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Acetone	ND	50 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Chloroform	2.5	2 PPB(V/V)	
TOI/100610	10/6/2010 10:50 TO-15	Benzene	1.1	2 PPB(V/V)	J
TOI/100610	10/6/2010 10:50 TO-15	1,1,1-Trichloroethane	0.85	2 PPB(V/V)	J
TOI/100610	10/6/2010 10:50 TO-15	Bromomethane	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Chloromethane	ND	5 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Dibromomethane	ND	4 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Chloroethane	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Vinyl chloride	80	2 PPB(V/V)	
TOI/100610	10/6/2010 10:50 TO-15	Acetonitrile	ND	10 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Methylene chloride	2	5 PPB(V/V)	J B

TOI/100610	10/6/2010 10:50 TO-15	Carbon disulfide	0.51	5 PPB(V/V)	J
TOI/100610	10/6/2010 10:50 TO-15	Bromoform	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Bromodichloromethane	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	1,1-Dichloroethane	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	1,1-Dichloroethene	9.4	2 PPB(V/V)	
TOI/100610	10/6/2010 10:50 TO-15	Chlorodifluoromethane	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	tert-Butyl alcohol	ND	20 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Trichlorofluoromethane	0.31	2 PPB(V/V)	J
TOI/100610	10/6/2010 10:50 TO-15	Dichlorodifluoromethane	1.4	2 PPB(V/V)	J
TOI/100610	10/6/2010 10:50 TO-15	1,1,2-Trichloro-1,2,2-trifluor	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	1,2-Dichloro-1,1,2,2-tetrafluor	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	1,2-Dichloropropane	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	2-Butanone (MEK)	ND	10 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	1,1,2-Trichloroethane	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Trichloroethene	510	2 PPB(V/V)	E
TOI/100610	10/6/2010 10:50 TO-15	Trichloroethene	750	7.4 PPB(V/V)	D
TOI/100610	10/6/2010 10:50 TO-15	1,1,2,2-Tetrachloroethane	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Methyl methacrylate	ND	5 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Hexachlorobutadiene	ND	10 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	o-Xylene	1.9	2 PPB(V/V)	J
TOI/100610	10/6/2010 10:50 TO-15	1,2-Dichlorobenzene	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	1,2,4-Trimethylbenzene	ND	2 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	Cumene	ND	4 PPB(V/V)	U
TOI/100610	10/6/2010 10:50 TO-15	alpha-Methylstyrene	ND	4 PPB(V/V)	U

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